Chalmers Argument for AI++

The Argument for AI++
  (1) There will be AI (before long, absent defeaters).
  (2) If there is AI, there will be AI+ (soon after, absent defeaters).
  (3) If there is AI+, there will be AI++ (soon after, absent defeaters).
  (4) So, there will be AI++ (before too long, absent defeaters).

AI: human level artificial intelligence.

AI+: artificial intelligence greater than human level (more intelligent than the most intelligent human).

AI++: superintelligence; intelligence of a greater than human level (at least as far beyond the most intelligent humans as the most intelligent human is beyoncd a mouse).

Before long, soon after: doesn't matter, decades centuries, whatever

Defeaters: Anything that prevents intelligent systems (human or artificial) from manifesting their capacities to create intelligent systems.

(1) There will be AI (before long, absent defeaters).

Motivation for (1):

Emulate the human brain.

(i) Evolution produced human level intelligence.
(ii) If evolution produced human-level intelligence, then we can produce AI (before long).
(iii) So, absent defeaters, there will be AI (before long).

(2): If there is AI, then there will be AI+ (soon after, absent defeaters)

Whenever we come up with a computational product, that product is soon afterwards obsolete due to technological advances. We should expect the same to apply to AI.

Brain emulation: Emulate a bunch of brains. But do it on faster hardware and in large clusters. That will speed up the path to AI+.

Other methods will be extendable. If we do it by direct programing, then, like every other program that has yet been written, the program will be improvable. That will lead to AI+.

(3) If there is AI+, there will be AI++ (soon after, absent defeaters).